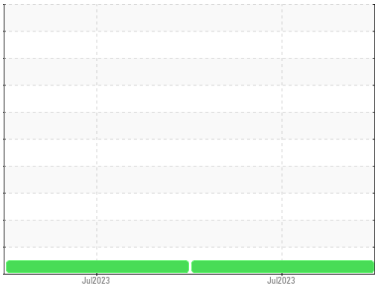
COOLANT REPORT

Sample Rating Trend



NORMAL

Area
AURORA [200006927]
Machine Id
33WEA87237 - F05 - A (S/N 7802041)
Component
Coolant
Fluid
CLARIANT ANTIFROGEN N (--- LTR)

DIAGNOSIS

Recommendation
The fluid is suitable for further service.

Corrosion
All metal levels are normal indicating no corrosion in the cooling system.

Contaminants
There is no indication of any contamination in the coolant.

Coolant Condition
Glycol and nitrite levels are acceptable. The pH level of this fluid is within the acceptable limits.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number		Client Info		**NX05981656**	NX05981654	---
Sample Date		Client Info		**18 Jul 2023**	18 Jul 2023	---
Machine Age	hrs	Client Info		**0**	0	---
Oil Age	hrs	Client Info		**0**	0	---
Oil Changed		Client Info		**N/A**	N/A	---
Sample Status				**NORMAL**	NORMAL	---

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Specific Gravity		*ASTM D1298	1.11	**1.064**	1.067	---
pH	Scale 0-14	ASTM D1287	8.5	**8.16**	8.17	---
Nitrites	ppm	AP-053:2009		**300**	336	---
Reserve Alkalinity	Scale 0-20	*ASTM D1121	4.0	**---**	---	---
Percentage Glycol	%	ASTM D3321	44	**47.7**	49.5	---
Freezing Point	°F	ASTM D3321	-32	**-28**	-33	---
Total Dissolved Solids				**277.0**	271.0	---
Carboxylate				**n/a**	n/a	---

CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D6130	3	**<1**	<1	---
Phosphorus	ppm	ASTM D6130	5	**16**	16	---
Boron	ppm	ASTM D6130	15	**0**	0	---
Molybdenum	ppm	ASTM D6130	110	**126**	141	---

CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D6130	>15	**2**	5	---
Aluminum	ppm	ASTM D6130	>10	**<1**	<1	---
Copper	ppm	ASTM D6130	>10	**0**	0	---
Lead	ppm	ASTM D6130	>10	**0**	0	---
Tin	ppm	ASTM D6130	>10	**0**	0	---
Zinc	ppm	ASTM D6130		**<1**	<1	---

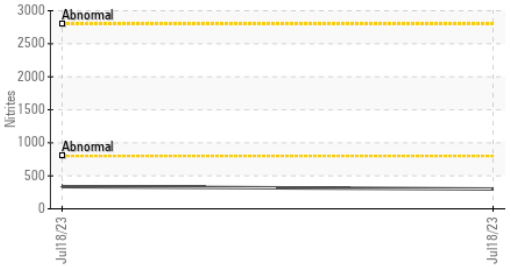
CONTAMINANTS		method	limit/base	current	history1	history2
Chlorine	ppm	ASTM D6130		**0**	1	---

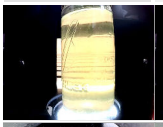
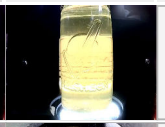
CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D6130	2400	**2881**	3190	---
Potassium	ppm	ASTM D6130	5	**0**	0	---

SCALE POTENTIAL		method	limit/base	current	history1	history2
Calcium	ppm	ASTM D6130		**0**	2	---
Magnesium	ppm	ASTM D6130		**0**	0	---

COOLANT REPORT

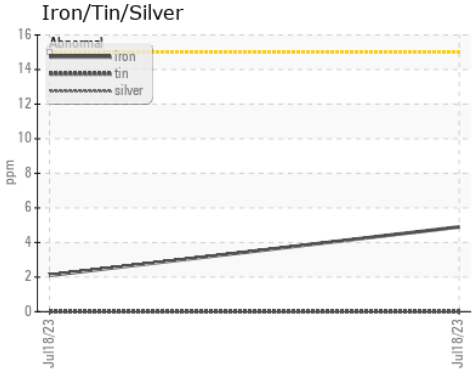
Nitrites



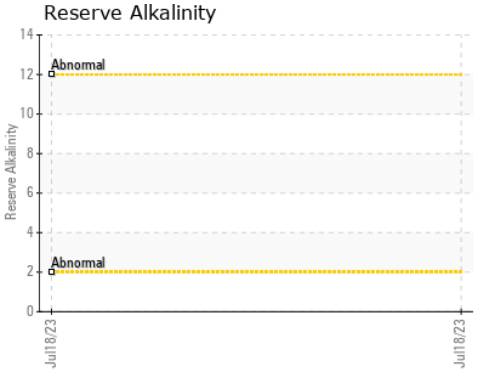
VISUAL		method	limit/base	current	history1	history2
Coolant Color		*Visual	Yellow	**Yllow**	Yllow	---
Coolant Appearance		*Visual	Clear	**normal**	normal	---
Color						*no image*
Bottom						*no image*

GRAPHS

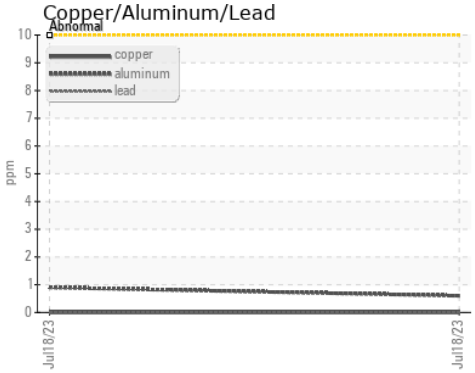
Iron/Tin/Silver



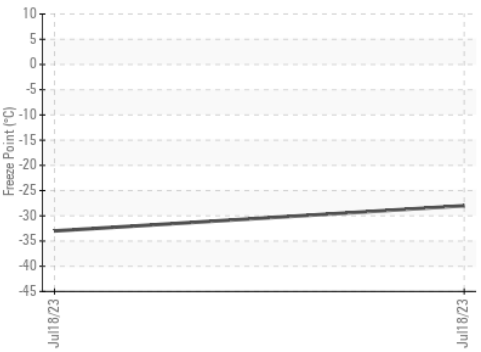
Reserve Alkalinity



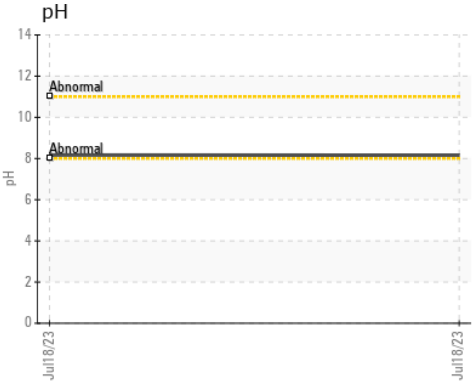
Copper/Aluminum/Lead



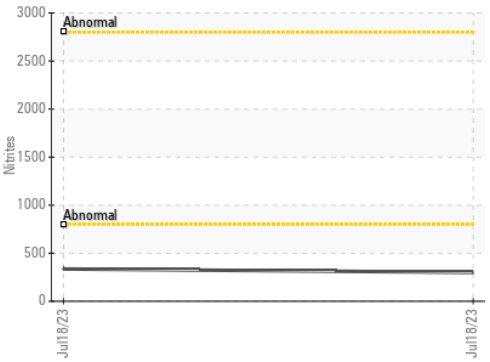
Freeze Point



pH



Nitrites



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : NX05981656 **Received** : 17 Oct 2023
Lab Number : 05981656 **Diagnosed** : 30 Oct 2023
Unique Number : 10698951 **Diagnostician** : Jonathan Hester
Test Package : COOL- (Additional Tests: COOL, ICP)

To discuss this sample report, contact Customer Service at 1-800-237-1369.
** - Denotes test methods that are outside of the ISO 17025 scope of accreditation.*
Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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